



West Virginia Water Research Institute
150 Evansdale Dr. NRCCE Building
PO Box 6064
Morgantown, WV 26506

Telephone: (304) 293-2867
Fax: (304) 293-7822
www.wvri.nrcce.wvu.edu

West Run Watershed Based Plan

Project No: WV-246

Funding: \$10,183 WVDEP
\$ Cost-Share
\$ Total Value

Project Duration: 6/1/2007 – 12/31/2007

Recipient: West Virginia University

Principal Investigator: Brady Gutta
Research Associate, Director, National Mine Lands Reclamation Center
West Virginia Water Research Institute

Project Description: The purpose of this plan is to document the existing characteristics and conditions within the West Run watershed, and identify problem areas for restoration. Existing water quality and watershed data was compiled which identified 3 problem areas in the watershed including acid mine drainage, bacterial contamination and storm water run-off. Field surveys were conducted to verify existing data and additional data was collected. Further studies were undertaken to identify the sources of these problems.

Project Significance: Locating and prioritizing water quality problems is important when determining the overall health of a watershed. Once all pollution sources have been found, a watershed-based plan must be constructed in order to receive future funding for pollutant remediation. The results of this watershed-based plan will aid in the efficient use of reclamation funding and will provide the largest amount of remediation for the lowest price.